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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>BTW-093US</b>
INTERNATIONAL APPLICATION NO. PCT/GB2003/004747	INTERNATIONAL FILING DATE 3 November 2003	<b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b> <b>1075401</b>
<b>TITLE OF INVENTION</b> OPTICAL COMMUNICATIONS APPARATUS		
<b>APPLICANT(S) FOR DO/EO/US</b> Matthew GIBSON		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (2 sheets) w/PTO/SB/08 (1 sheet) and 4 ref.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment (7 sheets)</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76 (2 sheets)</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: PCT International Published Application (WO 2004/042967 A2) (17 sheets); Certificate of express mailing and Return Postcard.</p>		

JC06 Rec'd PCT 02 MAY 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021  
U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known) SEP 37 CFR 1.51 <b>10/753,202</b> NEW APPLICATION		INTERNATIONAL APPLICATION NO. <b>PCT/GB2003/004747</b>		ATTORNEY'S DOCKET NUMBER <b>BTW-093US</b>			
The following fees have been submitted				CALCULATIONS	PTO USE ONLY		
21. <input checked="" type="checkbox"/> Basic national fee ..... \$300				\$ 300.00			
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100 All other situations ..... \$200							
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared and provided to the Office ..... \$400 All other situations ..... \$500				\$ 200.00			
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 1,000.00			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE				
- 100 =	/50 =		x \$250.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00			
CLAIMS				NUMBER FILED	NUMBER EXTRA	RATE	
Total claims				21 - 20 =	1	x 50.00	\$ 50.00
Independent claims				2 - 3 =		x	\$ 0.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)					+		\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,180.00			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				\$			
<b>SUBTOTAL =</b>				\$ 1,180.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+ \$			
<b>TOTAL NATIONAL FEE =</b>				\$ 1,180.00			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$			
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,180.00			
				Amount to be refunded:	\$		
				Amount to be charged:	\$		
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.							
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>12-0080</u> in the amount of \$ <u>1,180.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-0080</u> . A duplicate copy of this sheet is enclosed.							
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:  Anthony A. Laurentano LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400 CUSTOMER NUMBER: 00959 Date: May 2, 2005							
 <b>SIGNATURE:</b> <u>Anthony A. Laurentano</u> <b>NAME:</b> <u>Anthony A. Laurentano</u> <b>REGISTRATION NUMBER:</b> <u>38,220</u>							

10533021  
JC06 Rec'd PCT/PTO v 2 MAY 2005

Application No. (if known): NEW APPLICATION

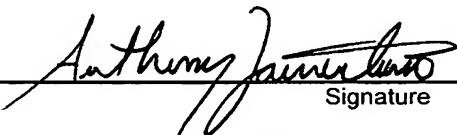
Attorney Docket No.: BTW-093US

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 553 866 538 US in an envelope addressed to:

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on 2 May 2005  
Date

  
\_\_\_\_\_  
Signature

Anthony A. Laurentano

Typed or printed name of person signing Certificate

38,220  
Registration Number, if applicable

(617) 227-7400  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter (2 sheets in duplicate); Preliminary Amendment (7 sheets); Information Disclosure Statement (2 sheets) with Form PTO/SB/08 (1 sheet) and 4 references; PCT International Published Application (WO 2004/042967 A2) (without International Search Report attached) (17 sheets); Application Data Sheet (2 sheets); Certificate of Express Mailing (1 sheet); and Return Postcard.